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**TECH TALK 0092**  
**O-RING TESTS IN METHANOL**  
**26/11/2012**

**AIM & METHOD**

Three (3) varieties of o-rings were fully submerged in Methanol over the weekend (over 2 days) in order to analyse any adverse effects on the o-rings. No measurements were taken. Simple observations on the expansion of the o-rings were noted.

The three types of o-rings varied in material, and are as follows:

- 1- Viton
- 2- GFLT
- 3- Viton B

**RESULTS**

The result of the test may be observed in the image below.



The only major effect on the o-rings is the swelling of the Viton B which can be seen on the far left. The Viton and GFLT o-rings do not show a major difference, although slight swelling may be observed.

There is no effect on the duro of each of the o-rings.